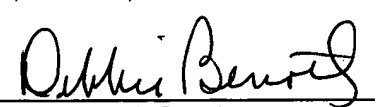


WLD
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **R. Moulton**
Serial No.: **10/642,437**
Filed: **August 16, 1003**
For: **LEWIS ACID IONIC LIQUIDS**

Group Art Unit: **1621**
Examiner: **Nazario-Gonzalez, Porfirio**
Atty. Dkt. No.: **SOU747/4-9US**

CERTIFICATE OF MAILING 37 C.F.R 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 2327, Arlington, VA 22202, on the date below:	
February 1, 2005 <small>Date</small>	 <small>Debbie Berroth</small>

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on the attached Form SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed for the convenience of the Examiner as required by 37 C.F.R. § 1.98(a)(2).

02/07/2005 BABRAHA1 00000019 10642437


01 FC:1806

180.00 OP

In accordance with 37 C.F.R. §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Enclosed is a Credit Card Payment Form in the amount of \$180 under 37 CFR § 1.17(p). If any additional fees are required, the Commissioner is authorized to appropriately deduct or credit the requisite amount from Vinson & Elkins L.L.P. Deposit Account No. 22-0365/SOU747/4-9US.

Respectfully submitted,



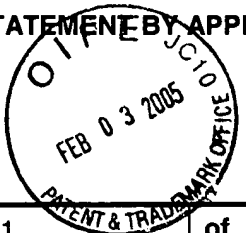
Doug McClellan
Reg. No. 41,183
Attorney for Applicants

Vinson & Elkins L.L.P.
2300 First City Tower
1001 Fannin
Houston, Texas 77002-6760
512/495-8560

Date: January 27, 2005

bcc: Marya Breig, Docket Specialist

467667_1.DOC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/642,437	
				Filing Date	August 15, 2003	
				First Named Inventor	Moulton	
				Group Art Unit	1621	
				Examiner Name	Nazario Gonzalez, Porfirio	
				Attorney Docket	SOU747/4-9US	
Sheet	1	of	4			
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number	Kind Code (if known)			
		5,827,602		10/1998	Koch et al.	
		5,965,054		10/1999	McEwen et al.	
		5,565,060		10/1996	Austin et al.	
		4,820,621		4/1989	Tanka et al.	
		4,628,023		12/1986	Cawston et al.	
		4,463,071		7/1984	Gifford et al.	
		4,714,530		12/1987	Hale et al.	
		4,882,244		11/1989	Donahue et al.	
		5,286,354		2/1994	Bard et al.	
		5,683,832		11/1997	Bonhote et al.	
		5,827,602		10/1998	Koch et al.	
		5,853,555		12/1998	Shafifian et al.	
		5,870,275		2/1999	Shiono et al.	
		5,910,237		6/1999	Moulton et al.	
		5,951,845		9/1999	Moulton	
		5,968,338		10/1999	Hulme et al.	
		4,913,828		4/1990	Caswell et al.	
Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENTS			Publication Date MM-DD-YYYY (Number 43)	Name of Patentee or Applicant of Cited Document
		Country Code	Number	Kind Code (if known)		
		WO	01/40146		6/7/01	
		WO	02/26701 A2		4/4/02	
		WO	95/21871		8/17/95	
		WO	95/21872		8/17/95	
		WO	98/06106		2/12/98	
Examiner Signature				Date Considered		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		10/642,437		
				Filing Date		August 15, 2003		
				First Named Inventor		Moulton		
				Group Art Unit		1621		
				Examiner Name		Nazario Gonzalez, Porfirio		
Sheet	2	of	4	Attorney Docket		SOU747/4-9US		
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
		Number	Kind Code (if known)					
		4,915,854		4/1990	Mao et al.			
		5,929,009		7/1999	Gambogi			
		5,981,474		11/1999	Manning et al.			
		6,165,259		12/2000	Hallstrom et al.			
		2,181,087		11/1939	Caryl, et al.			
		2,507,030		5/1950	Lynch et al			
		2,072,085		3/1937	Groote et al.			
		6,306,805		10/2001	Bratescu et al.			
		4,919,839		4/1990	Durbut et al.			
		5,415,857		5/1995	Robbins et al.			
		5,273,840		12/1993	Dominey			
		4,572,769		2/1986	Shimizu			
		4,776,929		10/1988	Aoyama			
		6,379,634		4/2002	Fields			
		6,468,495		10/2002	Fields			
		6,406,677		6/2002	Carter, et al.			
		5,135,825		8/1992	Mori et al.			
Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENTS			Publication Date MM-DD-YYYY (Number 43)	Name of Patentee or Applicant of Cited Document		
		Country Code	Number	Kind Code (if known)				
		WO	99/14160		3/25/99			
		WO	01/03211		1/11/01			
		WO	01/13379		2/22/01			
		WO	01/15175		3/1/01			
Examiner Signature					Date Considered			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		10/642,437	
				Filing Date		August 15, 2003	
				First Named Inventor		Moulton	
				Group Art Unit		1621	
				Examiner Name		Nazario Gonzalez, Porfirio	
Sheet	3	of	4	Attorney Docket		SOU747/4-9US	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		Number	Kind Code (if known)				
		2002/0015884		2/7/02	Schmidt		
		2002/0010291		1/24/02	Murphy		
		2002/0015883		2/7/02	Hilarius		
		2002/0055045		5/9/02	Michot		
		2,446,331		2/1944	Hurley		
		5,543,522		8/1996	Kawahara et al.		
		4,764,440		8/1988	Jones et al.		
Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENTS			Publication Date MM-DD-YYYY (Number 43)	Name of Patentee or Applicant of Cited Document	
		Country Code	Number	Kind Code (if known)			
Examiner Signature				Date Considered			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/642,437	
				Filing Date	August 15, 2004	
				First Named Inventor	Moulton	
				Group Art Unit	1621	
				Examiner Name	Nazario-Gonzalez, Porfirio	
5	4	of	4	Attorney Docket Number	SOU747/4-9US	
NON-PATENT LITERATURE DOCUMENTS						
	A	Xu, Wu and Angell, Austen, "Novel Orthoborate Ionic Liquids," Dept. of Chem., Arizona State University, (date unknown, earlier than 11/7/02).				
	B	Freemantle, Michael, "Designer Solvents Ionic Liquids May Boost Clean Technology Development," Science/Technology, March 30, 1998.				
	C	Freemantle, Michael, "Eyes on Ionic Liquids," Science/Technology, May 15, 2000.				
	D	Holbrey, J.D., "Ionic Liquids," Clean Products and Processes, p. 223-236, (1999).				
	E	Seddon, Kenneth, R., "Room-Temperature Ionic Liquids: Neoteric Solvents For Clean Catalysis," School of Chemistry, The Queens' University of Belfast (date unknown).				
	F	Barthel, J., et al., "Lithium Bis[5-fluoro-2-olate-1-benzenesulfonato (2-)-O,O'] borate (1-), a New Anodically and Cathodically Stable Salt for Electrolytes of Lithium-Ion Cells," J. Electrochem. Soc., Vol. 145, No. 2, Feb 1998.				
	G	Barthel, J., et al., "A New Class of Electrochemically and Thermally Stable Lithium Salts for Lithium Battery Electrolytes," J. of the Electrochemical Soc., 147 (1) 21:24 (2000).				
	H	Barthel, J., et al., "A New Class of Electrochemically and Thermally Stable Lithium Salts for Lithium Battery Electrolytes," J. Electrochem. Soc., Vol. 144, No. 11, Nov 1997.				
	I	Barthel, J., et al., "A New Class of Electrochemically and Thermally Stable Lithium Salts for Lithium Battery Electrolytes," J. Electrochem. Soc., Vol. 143, No. 11, Nov 1996.				
	J	Barthel, J., et al., "A New Class of Electrochemically and Thermally Stable Lithium Salts for Lithium Battery Electrolytes," J. Electrochem. Soc., Vol. 142, No. 8, Aug 1995.				
	K	Scientific American Proteomics Biotech's Next Big Challenge, Apr 2002.				
	L	Khadilkar, et al., "Microwave assisted synthesis of room temperature ionic liquid precursor quaternary salts in closed vessel," Fifth International Electronic Conference on Synthetic Organic Chemistry (ECSOC-5), 2001				
	M	Wasserscheid, P., et al., "Ionic Liquids in Synthesis," selected pages, November 2002.				
	N	Wadhawan, Jay, D., et al, "Ionic liquid modified electrodes," Journal of Electroanalytical Chemistry," 2000.				
Examiner Signature				Date Considered		